

Fall 2007 Weather Summary

September was just a little warmer than normal with near normal precipitation. The month started with hot mid-summer type weather for just the first few days. Most locations had several days in the 90s, many into the upper 90s. Jordan 43ENE, Terry, and Mildred 5N all were the hottest, reporting highs of 101 degrees. After the 6th, typical early autumn temperatures in the 60s and 70s were most common. Nearly all locations had their first freeze of the season around the 14th or 15th, with even harder freezes in the teens and lower 20s at a number of places. Coldest was 12 degrees at Scobey 4NW, 13 degrees at Opheim 12SE, and 15 degrees at Redstone.

After the very hot and dry summer, significant rainfall was well-scattered through the month, with about half of all stations reporting at least an inch. Wolf Point led with 2.49 inches, followed by 2.39 inches at Zortman, and 1.70 inches at Content and Brockton 17N. Dry spots were .24 inches at Redstone, .28 inches at Vida 6NE, and .30 inches at Opheim 12SE. No station in northeast Montana reported snow during the month.

October was wetter and a little warmer than normal. An unusually wet system brought moderate to heavy amounts of rain throughout the area on the 5th and 6th. Most places had over an inch from the storm. In fact, we had some of the heaviest two-day October totals in many years. Very little precipitation occurred the rest of the month. Monthly totals were led by 2.10 inches at Brusett, 1.98 inches at Cohagen, and 1.80 inches at Zortman. The Port of Morgan was the driest with .44 inches, Carlyle with .52 inches, and Medicine Lake with .59 inches. While the storm on the 5th and 6th was mainly a rain event, there were a few places that had snow. The most was 2.0 inches at Grass Range 13ENE, 1.6 inches at Zortman and Glasgow 46 SW. Nearly all other locations ended the month still not having seen their first snowfall of the season.

Temperatures fluctuated, typical of October, but mainly in the last week. On the 24th and 25th, many observation sites hit the upper 70s and lower 80s for the warmest highs of the month. Terry, Flatwillow 4ENE, Malta 25S, and Malta 7E all hit 83 degrees for the warmest. The chilliest highs were on the 5th and 6th when highs in the 40s were common, but Zortman had only 37 degrees, Opheim 12SE 38 degrees, and Opheim 10N 39 degrees.

November was drier and a little warmer than normal, but had two distinct faces. Mild and dry autumn weather continued through the 19th with very little rainfall. In many locations this amounted to a period of more than 40 days (since Oct 6th), where there was no measurable rain or snow at all. Temperatures were well above normal for the first 19 days, with highs in the 40s and 50s most typical, and a day or two in the 60s quite common. Jordan and Mildred 5N had the warmest, with highs of 69 degrees on the 11th, while Terry had 68 degrees. The last 10 days of November were colder than normal, with the first below freezing highs and first subzero lows reported from most locations. The coldest during the time was the -22 degrees at Scobey 4NW, Bredette at -14 degrees, and a -13 degree reading at Opheim 12SE and Plentywood.

Winnett 12SW had the most precipitation, coming in with .74 inches, Mosby 4 ENE .48 inches, and .45 inches at Winnett 6NNE; but at least a dozen locations had nothing measurable at all. Most places also had their first snows of the season around the 20th, which is much later than normal. Most of the first snowfalls were light, but Flatwillow had 7.0 inches, Winnett 12SW 6.5 inches, and Winnett 6NNE 6.0 inches.